

Application for United States

PATENT

H0001861(1100.1214101)

DECLARATION AND POWER OF ATTORNEY

As a below named inventor, I hereby declare that:

My residence, post office address and citizenship are as stated below next to my name;

I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled

PLANAR THERMAL ARRAY

The specification of which

(check one) X is attached hereto
_____ was filed on _____ as
Application Serial No. _____
and was amended on _____.

(if applicable)

I hereby state that I have reviewed and understand the contents of the above-identified specification, including the claims, as amended by any amendment referred to above.

I acknowledge the duty to disclose information which is material to the examination of this application in accordance with Title 37, Code of Federal Regulations, §1.56(a).*

I hereby claim the benefit under Title 35, United States Code, §119(e) of any United States provisional application(s) as listed below:

Provisional Application No. _____ filed on _____

I hereby claim foreign priority benefits under Title 35, United States Code §119 of any foreign application(s) for patent or inventor's certificate listed below and have also identified below any foreign application for patent or inventor's certificate having a filing date before that of the application on which priority is claimed:

Prior Foreign Application(s)		Priority Claimed		
(Number)	(Country)	(Day/Month/Year Filed)	Yes	No

I hereby claim the benefit under Title 35, United States Code §120 of any United States application(s) listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States application in the manner provided by the first paragraph of Title 35, United States Code §112, I acknowledge the duty to disclose material information as defined in Title 37, Code of Federal Regulations §1.56(a) which occurred between the filing date of the prior application and the national or PCT international filing date of this application:

(Application Serial No.)	(Filing Date)	Status (patented, pending, abandoned)
09-786,000	05/20/2009	Patented
09-786,001	05/20/2009	Patented
09-786,002	05/20/2009	Patented
09-786,003	05/20/2009	Patented
09-786,004	05/20/2009	Patented
09-786,005	05/20/2009	Patented
09-786,006	05/20/2009	Patented
09-786,007	05/20/2009	Patented
09-786,008	05/20/2009	Patented
09-786,009	05/20/2009	Patented
09-786,010	05/20/2009	Patented
09-786,011	05/20/2009	Patented
09-786,012	05/20/2009	Patented
09-786,013	05/20/2009	Patented
09-786,014	05/20/2009	Patented
09-786,015	05/20/2009	Patented
09-786,016	05/20/2009	Patented
09-786,017	05/20/2009	Patented
09-786,018	05/20/2009	Patented
09-786,019	05/20/2009	Patented
09-786,020	05/20/2009	Patented
09-786,021	05/20/2009	Patented
09-786,022	05/20/2009	Patented
09-786,023	05/20/2009	Patented
09-786,024	05/20/2009	Patented
09-786,025	05/20/2009	Patented
09-786,026	05/20/2009	Patented
09-786,027	05/20/2009	Patented
09-786,028	05/20/2009	Patented
09-786,029	05/20/2009	Patented
09-786,030	05/20/2009	Patented
09-786,031	05/20/2009	Patented
09-786,032	05/20/2009	Patented
09-786,033	05/20/2009	Patented
09-786,034	05/20/2009	Patented
09-786,035	05/20/2009	Patented
09-786,036	05/20/2009	Patented
09-786,037	05/20/2009	Patented
09-786,038	05/20/2009	Patented
09-786,039	05/20/2009	Patented
09-786,040	05/20/2009	Patented
09-786,041	05/20/2009	Patented
09-786,042	05/20/2009	Patented
09-786,043	05/20/2009	Patented
09-786,044	05/20/2009	Patented
09-786,045	05/20/2009	Patented
09-786,046	05/20/2009	Patented
09-786,047	05/20/2009	Patented
09-786,048	05/20/2009	Patented
09-786,049	05/20/2009	Patented
09-786,050	05/20/2009	Patented
09-786,051	05/20/2009	Patented
09-786,052	05/20/2009	Patented
09-786,053	05/20/2009	Patented
09-786,054	05/20/2009	Patented
09-786,055	05/20/2009	Patented
09-786,056	05/20/2009	Patented
09-786,057	05/20/2009	Patented
09-786,058	05/20/2009	Patented
09-786,059	05/20/2009	Patented
09-786,060	05/20/2009	Patented
09-786,061	05/20/2009	Patented
09-786,062	05/20/2009	Patented
09-786,063	05/20/2009	Patented
09-786,064	05/20/2009	Patented
09-786,065	05/20/2009	Patented
09-786,066	05/20/2009	Patented
09-786,067	05/20/2009	Patented
09-786,068	05/20/2009	Patented
09-786,069	05/20/2009	Patented
09-786,070	05/20/2009	Patented
09-786,071	05/20/2009	Patented
09-786,072	05/20/2009	Patented
09-786,073	05/20/2009	Patented
09-786,074	05/20/2009	Patented
09-786,075	05/20/2009	Patented
09-786,076	05/20/2009	Patented
09-786,077	05/20/2009	Patented
09-786,078	05/20/2009	Patented
09-786,079	05/20/2009	Patented
09-786,080	05/20/2009	Patented
09-786,081	05/20/2009	Patented
09-786,082	05/20/2009	Patented
09-786,083	05/20/2009	Patented
09-786,084	05/20/2009	Patented
09-786,085	05/20/2009	Patented
09-786,086	05/20/2009	Patented
09-786,087	05/20/2009	Patented
09-786,088	05/20/2009	Patented
09-786,089	05/20/2009	Patented
09-786,090	05/20/2009	Patented
09-786,091	05/20/2009	Patented
09-786,092	05/20/2009	Patented
09-786,093	05/20/2009	Patented

I hereby appoint the following attorney(s) and/or agent(s) to prosecute this application and to transact all business in the Patent and Trademark Office connected therewith BRIAN N. TUFTE (Reg. No. 38,638), JOHN G. SHUDY, JR. (Reg. No. 31,214), JAMES RODGERS (Reg. No. 48,306), MARK SCHROEDER (Reg. No. 53,566), J. SCOT WICKEM (Reg. No. 41,376), GLENN SEAGER (Reg. No. 36,926), DAVID CROMPTON (Reg. No. 36,772), KRIS T. FREDRICK (Reg. No. 42,554), MATTHEW LUXTON (Reg. No. 41,960) and GREG ANSEMS (Reg. No. 42,264). Address all telephone calls to KRIS T. FREDRICK at telephone number (763) 954-5388.

Address all correspondence to KRIS T. FREDRICK at Customer Number 000128.

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

Full Name of Sole
or First Inventor ROLAND A. WOOD
Inventor's Signature *R. Wood* Date Oct 2, 2003
Residence Bloomington, Hennepin County, Minnesota
Citizenship US
Post Office Address 150 Mission Lane East
Bloomington, Minnesota 55420

Full Name of Second
Joint Inventor, If Any ROBERT E. HIGASHI
Inventor's Signature *Robert E. Higashi* Date Oct 2, 2003
Residence Shorewood, Hennepin County, Minnesota
Citizenship US
Post Office Address 20220 Manor Road
Shorewood, Minnesota 55331

Full Name of Third
Joint Inventor, If Any BARRETTE E. COLE
Inventor's Signature *Barrett E. Cole* Date Oct 2, 2003
Residence Bloomington, Hennepin County, Minnesota
Citizenship US
Post Office Address 3010 West 112th Street
Bloomington, Minnesota 55431

*Title 37, Code of Federal Regulations §1.56:

(a) A patent by its very nature is affected with a public interest. The public interest is best served, and the most effective patent examination occurs when, at the time an application is being examined, the Office is aware of and evaluates the teachings of all information material to patentability. Each individual associated with the filing and prosecution of a patent application has a duty of candor and good faith in dealing with the Office, which includes a duty to disclose to the Office all information known to that individual to be material to patentability as defined in this section. The duty to disclose information exists with respect to each pending claim until the claim is cancelled or withdrawn from consideration, or the application becomes abandoned. Information material to the patentability of a claim that is cancelled or withdrawn from consideration need not be submitted if the information is not material to the patentability of any claim remaining under consideration in the application. There is no duty to submit information which is not material to the patentability of any existing claim. The duty to disclose all information known to be material to patentability is deemed to be satisfied if all information known to be material to patentability of any claim issued in a patent was cited by the Office or submitted to the Office in the manner prescribed by §§ 1.97(b)-(d) and 1.98. However, no patent will be granted on an application in connection with which fraud on the Office was practiced or attempted or the duty of disclosure was violated through bad faith or intentional misconduct. The Office encourages applicants to carefully examine:

(1) prior art cited in search reports of a foreign patent office in a counterpart application, and

(2) the closest information over which individuals associated with the filing or prosecution of a patent application believe any pending claim patentably defines, to make sure that any material information contained therein is disclosed to the Office.

(b) Under this section, information is material to patentability when it is not cumulative to information already of record or being made of record in the application, and

(1) It establishes, by itself or in combination with other information, a prima facie case of unpatentability of a claim; or

(2) It refutes, or is inconsistent with, a position the applicant takes in:

(i) Opposing an argument of unpatentability relied on by the Office, or

(ii) Asserting an argument of patentability.

A prima facie case of unpatentability is established when the information compels a conclusion that a claim is unpatentable under the preponderance of evidence, burden-of-proof standard, giving each term in the claim its broadest reasonable construction consistent with the specification, and before any consideration is given to evidence which may be submitted in an attempt to establish a contrary conclusion of patentability.

(c) Individuals associated with the filing or prosecution of a patent application within the meaning of this section are:

(1) Each inventor named in the application;

(2) Each attorney or agent who prepares or prosecutes the application; and

(3) Every other person who is substantively involved in the preparation or prosecution of the application and who is associated with the inventor, with the assignee or with anyone to whom there is an obligation to assign the application.

(d) Individuals other than the attorney, agent or inventor may comply with this section by disclosing information to the attorney, agent, or inventor.